D/ODP

DD/A Registry
83-0343

ODP-83-102
26 January 1983

MEMORANDUM FOR: Deputy Director for Administration

THROUGH   :   Chief, Interactive Systems Branch
                       Chief, Systems Programming Division
                       Deputy Director for Processing, ODP
                       Director of Data Processing

FROM   :   _____   STAT
                       Interactive Systems Branch, SPD/ODP

SUBJECT   :   Request to Appear Before a Non-Government Group

1. We request permission for _____ to appear before a   STAT
non-Government group as provided for in _____ will enter-on-   STAT
duty with the Agency on February 14th.

2. When approved, she will speak at the SHARE 60 Conference in San
Francisco, California on February 23rd. She will also chair two meetings at
the same conference. She will be attending the conference as a representa-
tive of the Agency and she is serving as Deputy Manager of the VM/System
Management Project within the SHARE organization. _____ has been   STAT
representing her current employer, _____ and it has been   STAT
decided to continue support for her participation in SHARE as being in the
Agency's interest. The audiences are expected to be comprised of about 400
persons from the United States and Canada representing organizations
running large IBM computers. The meetings will be held in the San Francisco
Hilton Hotel; the risk to employee safety is minimal. Members of the press
are barred from attending sessions at this conference.

3. None of the material to be presented is classified or controversial.
She will present a tutorial describing techniques of testing operating systems
software. As a senior systems programmer, _____ is qualified to give   STAT
the presentation. Her remarks will be extemporaneous; the outline is
attached. She will also chair two meetings:

    a. <u>VM/System Management Project Working Session</u>. Requirements for
enhanced facilities to control access to data in large-scale, interac-
tive computing systems will be discussed.

    b. <u>More on VM Paging</u>. A comprehensive analysis of storage manage-
ment techniques for interactive computing systems will be presented.
The speakers will be computer performance analysts from IBM Corpo-
ration.

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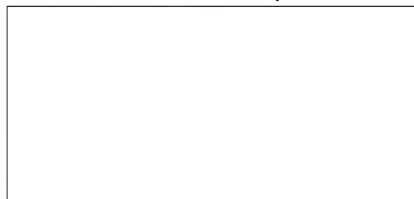
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The Agency is in the forefront of interactive computing technology.   It is through these presentations that we are able to attract skilled computer scientists (such as [   ] to the Agency, as well as to influence the decisions of the computer vendors upon whom we are dependent.

STAT

4.   She [   ] will be identified as an Agency employee.   She will also give the standard disclaimer that the views presented are her own and not necessarily those of the Agency.

STAT

Attachment

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TITLE OF PRESENTATION: VM Under VM Tutorial

TITLES OF SESSIONS: VM/System Management Project Working Session
More on VM Paging

APPROVED:

STAT

3 1 JAN 1983
Date

Signed: James H. McDonald
Harry E. Fitzwater, DDA

3 FEB 1983
Date

ODP/P/SPD/ISB, [   ] 26 January 1983/EXREQ83D

STAT

Dist:
   Orig - Addressee (Orig to be returned to Originator)
     2 - DDA
    (2)- D/ODP
     1 - C/PAB/OEXA
     1 - C/EAB/SSD/OS w/Form 879
     1 - VM/SP Project
     2 - ODP/Registry
     3 - ODP/SPD

Attachment

I. Goals and Uses

   A. Test fixes and enhancements to CP
   B. Test CP and CMS interfaces
   C. Initial testing of new releases
   D. Perform path length determination
   E. Production -- limited access to new/old facilities

II. Requirements

   A. System residence volume
   B. Directory
   C. Spool, paging and dump space
   D. Saved systems
   E. I/O devices (disk, tape, unit-record, tape)

III. Accomodations in Production System

   A. Real I/O definitions for 190-19F
   B. Saved systems on system volume without spooling
   C. Sysres allocations to minimize updates (ERR, NUC, CKPT)
   D. Observe 6-P principle
   E. Use control files to distinguish between systems

IV. Potential Problems

   A. Things may behave differently
   B. Hardware assists are not available
   C. Hardware functions (such as SIGP) are not available